

**Abstract**

A spindle gear for a motor vehicle seat adjusting device having a housing, a spindle nut, a spindle and a worm wheel. The spindle nut may have an external bearing surface and a bearing shell may include an internal bearing surface cooperating with the external bearing surface. The spindle nut may have a slide lacquer coat. The spindle nut may have an external bearing surface and a stop disk may be attached to the external bearing surface so as to surround it. A projection may engage a corresponding spindle nut recess. The housing may comprise at least two housing parts made of zinc diecasting. The external teeth of the spindle nut may form a globoidal gear. The external spindle nut teeth may have an outer diameter that is smallest in an axial center thereof and increases toward the axial end regions.